

## PURPOSE:

This plan provides the information needed for small community water systems to meet the reporting requirements of Env-Ws 390, *Water Conservation Rules*. Once completed, this plan can fulfill the requirements of Env-Ws 390.10. A summary of the rule is attached and the rule is available at [www.des.state.nh.us/Rules/pdf/Env-Ws390.pdf](http://www.des.state.nh.us/Rules/pdf/Env-Ws390.pdf)

## 1.0 GENERAL INFORMATION

### 1.1 Project Contacts / System Ownership

#### 1.1a Project Contact:

Russell E. Prescott, P.E.  
10 Railroad Ave.  
Exeter, NH 03833  
1-603-772-4321

#### 1.1b Project Owner:

Mountain Reach Development Group, LLC  
Contact: Richard Reeves  
P. O. Box 2216  
New London, NH 03257  
Old Province Road  
Goshen, NH

#### 1.1c Person responsible for completing the activities outlined in this plan:

Water conservation plan activities will be conducted by or supervised by the future certified water system operator.

#### 1.1d Ownership:

At this time the water system is proposed to be owned by the future Mountain Reach condominium association.



## **2.0 PROPOSED METERING AND LEAK DETECTION**

### **2.1 New Small Community Water System**

This proposed new small CWS plans to install properly sized water meters for each well source and one water meter on the pump house discharge main and one water meter for each unit in accordance with AWWA standards. In selecting, installing, and maintaining water meters, the water system will comply with procedures and protocols described in "Manual of Water Supply Practices, Water Meters", document AWWA M6, available from the American Water Works Association at [www.awwa.org/bookstore](http://www.awwa.org/bookstore)

Each source water meter is to be read every 30 days and all other meters every 90 days. A log of water use is to be maintained for water audit and leak detection in accordance with AWWA M36.

Each year a water audit is to be conducted and in the case of leak detection such leak to be repaired within 60 days. At the time of the audit if the percentage of unaccounted for water exceeds 15% of well volume the water system is to submit a response plan to NHDES within 60 days. This plan is to identify how the water system intends to reduce the percentage of unaccounted for water use to below 15% within 2 years, except for detected leaks, which is to be repaired within 60 days. Upon NHDES approval the system is to implement the plan.

This work is to be done or supervised by the future water system certified operator.

## **3.0 PROPOSED PRESSURE REDUCTION**

To conserve water, pressure reduction for this new CWS may be technically feasible, consistent with industry standards, and consistent with public health and safety considerations. All pressure reduction measures to meet the requirements of Env-Ws 372, Design Standards for Small Community Public Water Systems.

The elevation changes for this CWS may allow the pump house to operate at a reduced pressure setting for the whole system.

## **4.0 PROPOSED CONSERVATION RATE STRUCTURE**

The water rate structure will be a flat rate as part of the condominium fees.

## **5.0 PROPOSED PUBLIC NOTIFICATION**

A copy of this report via certified mail has been sent to the town of Goshen, NH and to the Sullivan Planning Commission along with a copy of a summary of the requirements of Env-Ws 390. A cover letter was written to request that the town of Goshen, NH amend any site plan submitted to them for review so that it reflects the requirements of Env-Ws 390 and promotes water conservation landscaping principals.

The names and addresses of those receiving public notification are on the cover page of this document. Copies of the cover letter sent to the governing boards and a copy of the certified mail receipts are enclosed. "Water Conservation at Home" educational outreach material was also mailed.

## **6.0 PROPOSED EDUCATIONAL OUTREACH INITIATIVES**

Implemented immediately upon approval of the conservation plan pertinent water efficiency fact sheets found at the NHDES website can be included with the yearly consumer confidence water system reports. The person responsible for the Conservation Program will be the water system operator or supervised by the water system operator. A typical educational outreach fact sheet is attached.

Prepared by,  
R. E. Prescott Co., Inc.

Russell E. Prescott, P. E.  
Vice President



April 13, 2007

Ed Gil de Rubio, County Manager  
Board of Commissioners  
14 Main St.  
Newport, NH 03773

Melissa Page, Clerk  
Town of Goshen  
54 Mill Village Rd. No.  
Goshen, NH 03752

Subject: Public notification, water conservation plan.  
Mountain Reach Community Water System  
Old Province Road, Goshen, NH

Dear Ed Gil de Rugio and Melissa Page,

Attached for your review and comment is the water conservation plan for Mountain Reach a proposed new community water system of 4- bedroom condominiums in Goshen, NH. This notice is in accordance with New Hampshire Department of Environmental Services (NHDES) Rule Env-Ws-390. Also available for your review is a copy of the Well-Siting application at NHDES in Concord, NH. Contact person is Diana Morgan, P. G. at 603-271-2947.

The NHDES rule requires the owner perform this public notice and request that you review and/or amend these plans to promote water conservation landscaping principles. The 2-page fact sheet enclosed summarizes this rule. Per this rule the comment period is 21 days from your receipt of this information.

Please address comments to: Diana Morgan, Professional Geologist  
NHDES- WSEB  
P.O. Box 95  
Concord, NH 03302-0095

Thank you for your attention to this matter.

Very Truly Yours,  
R.E. Prescott Co., Inc.

Russell E. Prescott, P.E.

CC: Richard Reeves, Mountain Reach  
Diana Morgan, P.G., NHDES

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ed. G. Ide Rube  
Board of Commissioners  
14 Main St.  
Newport, NH 03773

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Amie White* ☐ Agent ☐ Addressee

B. Received by (Printed Name)

*Reda V. White* ☐ Cash of Delivery *4/18/97*

C. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

☒ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Exon Fee) ☐ Yes

2. Article Number

(Transfer from service label)

PS Form 3811, February 2004

Domestic Return Receipt

4025-00-000-7630

7605-1830-0001-8851, 0706

## SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ME1852 Page  
TOOL OF COSEN  
54 Main Village Rd  
Cosen, NH 03752

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)

*Reda V. White* ☐ Cash of Delivery *4/18/97*

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